

## ANSTF Meeting Presentation Information

**1) Name and affiliation of presenter:**

Steven J. Shults  
Illinois Dept. of Natural Resources

**2) Background information about presentation** (no more than 5 sentences):

Operation Silver Screen was an enormously complex and highly visible international response to prevent an invasion of Asian carp into Lake Michigan during maintenance operations of the US Army Corps of Engineers electrical barrier in the Chicago waterways. This response involved more than 25 local, state, federal and Canadian entities as well as 22 private contractors and consisted of a challenging unified command structure composed of the Illinois Department of Natural Resources (Incident Command), US Army Corp of Engineers, US Environmental Protection Agency, US Coast Guard, and the US Fish and Wildlife Service. Despite an extremely condensed planning timeframe due to the emergency nature of the response, responders conducted a highly successful operation involving more than 450 people and 50 boats. Specific challenges included protecting a large power plant that services Chicago, nighttime operations and inclement weather, protecting the health and safety of hundreds of responders on and around the water, and limiting the fish kill to the designated area. This response was truly a pioneering process in that it was the first international response to an invasive species using the Incident Command System, the first use of Rotenone under new restrictive EPA label requirements, the first application using a new delivery system, and the first use of system modeling to design specific application techniques.

**3) If the presentation supports a decision, what is the decision point to be considered by the ANSTF?**

Increase Rapid Response preparedness, training, and dedicated funding.

**4) Does the subject matter relate to an objective(s) identified in the 2007-2012 ANS Strategic Plan? If so, explain.**

As a rapid response project, this operation was a direct fulfillment of Objective 2.2 in the ANS Strategic plan “development of capacities to respond rapidly to invasions”. It also provided specific examples of risk assessment, priority pathway management, methods for interrupting priority pathways, and increase of unique survey and monitoring efforts in support of Objectives 1.1, 1.2, 1.3, and 2.1.

**5) What is the ANSTF role(s) regarding the subject and decision points?**

ANSTF recommendation to member agencies and regional panels for increased training, as well as securing additional resources for training and rapid response.